

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

STATE	Caribbean Area	FIELD OFFICE		DATE	08/12/02
PRACTICE: 386 Field Border			NOTES:		
RESOURCE: SOIL RESOURCE CONCERN: EROSION			Help Message: Click on form field for choice lists. Tab key to move around. "N/A" is the default.		
RESOURCE INDICATORS			PHYSICAL EFFECTS		
SHEET AND RILL			Slight to significant decrease because reduced erosion on area vegetated.		
WIND			Slight to moderate decrease because of creating a satble vegetative area		
EPHEMERAL GULLY			Negligible to significant decrease because of water spreading		
CLASSIC GULLY			Negligible to slight decrease because of water spreading depending on location.		
STREAMBANK			Negligible to slight decrease because of water spreading depending on location of field border.		
IRRIGATION INDUCED			Negligible to slight decrease because of water spreading		
SOIL MASS MOVEMENT			Negligible		
ROADBANK/CONSTRUCTION			Negligible to slight decrease because of erosion reduction.		
OTHER					
RESOURCE CONCERN: SOIL CONDITION					
SOIL TILTH			Slight to significant decrease because of development of root mass and increased organic material within the field border		
SOIL COMPACTION			Slight to significant decrease because of development of root mass and increased organic material within the field border		
SOIL CONTAMINATION					
• SALTS			Negligible		
• ORGANICS			Negligible		
• FERTILIZERS			Negligible		
• PESTICIDES			Negligible		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			Negligible to slight decrease because of reduced runoff,vegetative cover and location of border		
• OFFSITE			Negligible to slight decrease because of reduced runoff,vegetative cover and location of border		
DEPOSITION/SAFETY					
• ONSITE			Negligible to slight decrease because of reduced runoff,vegetative cover and location of border		
• OFFSITE			Negligible to slight decrease because of reduced runoff,vegetative cover and location of border		
OTHER					
RESOURCE: WATER					
RESOURCE CONCERN: WATER QUANTITY					
SEEPS			Negligible		
RUNOFF/FLOODING			N/A		

EXCESS SUBSURFACE WATER	N/A
INADEQUATE OUTLETS	N/A
WATER MGT. IRRIGATION	
• SURFACE	N/A
• SPRINKLER	N/A
WATER MGT. NON-IRRIGATED	N/A
RESTRICTED FLOW CAPACITY (H2O convey.)	
• ONSITE	N/A
• OFFSITE	N/A
RESTRICTED STORAGE	N/A
OTHER	

RESOURCE: **WATER**

RESOURCE CONCERN: **WATER QUALITY**

RESOURCE INDICATORS	PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	
• PESTICIDES	N/A
• NUTRIENTS AND ORGANICS	Negligible
• SALINITY	N/A
• HEAVY METALS	N/A
• PATHOGENS	N/A
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES	N/A
• NUTRIENTS AND ORGANICS	N/A
• SUSPENDED SEDIMENTS	Negligible to slight decrease because of decreased sediment delivery
• LOW DESOLVED OXYGEN	Negligible
• SALINITY	N/A
• HEAVY METALS	N/A
• WATER TEMPERATURE	Negligible
• PATHOGENS	Negligible
AQUATIC HABITAT SUITABILITY	Negligible
OTHER	

RESOURCE: **AIR**

RESOURCE CONCERN: **AIR QUALITY**

AIRBORNE SEDIMENT AND SMOKE PARTICLES	
• ONSITE SAFETY	Negligible to slight decrease because of protective vegetative cover
• OFFSITE SAFETY	Negligible to slight decrease because of protective vegetative cover
• ONSITE STRUCT. PROBLEMS	Negligible to slight decrease because of protective vegetative cover
• OFFSITE STRUCT. PROBLEMS	Negligible to slight decrease because of protective vegetative cover
• ONSITE HEALTH	Negligible
• OFFSITE HEALTH	Negligible
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	Slight decrease because of protective vegetation cover
AIRBORNE CHEMICAL DRIFT	Negligible
AIRBORNE ODORS	N/A
FUNGI, MOLDS, AND POLLEN	Slight to significant increase depending on species present
OTHER	

RESOURCE CONCERN: **AIR CONDITION**

AIR TEMPERATURE	Slight decrease because of effects of vegetative cover
AIR MOVEMENT (windbreak effect)	Slight decrease because of retardance factor of vegetation
HUMIDITY	Slight increase because of vegetative cover
OTHER	

[illegible]

RESOURCE: HUMAN	
RESOURCE CONCERN: SOCIAL CONSIDERATIONS	
RESOURCE INDICATORS	PHYSICAL EFFECTS
PUBLIC HEALTH AND SAFETY	Moderate improvement on public health
PRIVATE/PUBLIC VALUES	Moderate improvement on private/public values
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	Slightly improved protection of cultural resources
SIGNIFICANCE OF CULTURAL RESOURCES	N/A
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
OTHER	